



Winner of the
productronica
innovation award 2021

Cluster Future Markets – Koh Young Europe GmbH

Neptune C+



Koh Young creates the industry's first 3D in-line DPI and thickness measurement solution for transparent material inspection. The system allows manufacturers to explore the depths of its process and accurately identify defects with 2D, 3D, and cross-section views. The system also accurately measures materials for coverage, thickness, and consistency with user defined threshold settings. It also inspects bubbles and other defects as small as 200-microns, even inspecting "keep out" areas for 100-micron splash marks. The goal is to monitor and control the quality of the coating process and giving feedback to optimize the coating process.

Harald Eplinger, General Manager



"It is a great honour for us to receive the "productronica Innovation Award". With the Neptune, Koh Young has once again succeeded in setting new standards in quality assurance. Coating inspection has been around for a long time, but with the Neptune series it is now possible to realise 3D measurements across the board within the usual cycle times. This is becoming more important, especially with miniaturisation making its way into the EV sector, to ensure a long service life in extreme environments. Koh Young Technology has repeatedly managed to introduce a disruptive technology that revolutionises the market and the application."

About Koh Young Europe

From the world's first automated 3D inspection systems to breakthrough solutions in medical diagnostics, Koh Young is making a major contribution to the innovation of products, markets and people. Koh Young Technology's portfolio includes customised, measuring 3D inspection solutions used in differently oriented manufacturing. For years, Koh Young Technology Inc. has supported users in the analysis of complex measurement data. With an installed base of more than 16,000 machines and over 1,900 satisfied customers worldwide, Koh Young is one of the world's leading suppliers of 3D measurement and inspection equipment systems. The international company is headquartered in Seoul, Korea. The German base is located in Alzenau with Koh Young Europe. Further sales and support centres are located in the USA, Japan, Singapore, China and Korea.

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